855 Purchase Order Acknowledgment

Functional Group ID=**PR**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Acknowledgment Transaction Set (855) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to a seller's acknowledgment of a buyer's purchase order. This transaction set can also be used as notification of a vendor generated order. This usage advises a buyer that a vendor has or will ship merchandise as prearranged in their partnership.

Notes:

1. This transaction set is used for purchase orders, BPA calls, BOA orders, and delivery orders against basic contracts and Federal Supply Schedules, to indicate acceptance; rejection without detail; or acknowledgment, including acknowledgment with detail and change.

2. When BEG07 in the 850 transaction set is not transmitted, an 855 transaction set should not be used for acknowledgment.

3. When BEG07 in the 850 transaction set is code AC, BAK02 can contain code AC or RJ.

4. When BEG07 in the 850 transaction set is code AK, BAK02 can contain code AK or RJ.

5. When BEG07 in the 850 transaction set is code AT, BAK02 can contain code AT or RJ.

6. When BAK02 is code AC, transmit the change information using the PO1 and ACK segments.

7. When BAK02 is either code AK, AT or RJ, transmit only the ST, BAK, N1, CTT, and SE segments.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1		
Not Used	040	CUR	Currency	O	1		
Not Used	050	REF	Reference Identification	O	>1		
Not Used	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	>1		
Not Used	080	FOB	F.O.B. Related Instructions	O	>1		
Not Used	090	CTP	Pricing Information	O	>1		
Not Used	095	PAM	Period Amount	O	10		

Not Used	110	CSH	Sales Requirements	O	1		

LOOP ID - SAC						25	
Not Used	120	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	125	CUR	Currency	O	1		

Not Used	130	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
Not Used	140	DIS	Discount Detail	O	20		
Not Used	145	INC	Installment Information	O	1		
Not Used	150	DTM	Date/Time Reference	O	10		
Not Used	160	LDT	Lead Time	O	12		
Not Used	180	LIN	Item Identification	O	5		n1
Not Used	185	SI	Service Characteristic Identification	O	>1		
Not Used	190	PID	Product/Item Description	O	200		
Not Used	200	MEA	Measurements	O	40		
Not Used	210	PWK	Paperwork	O	25		
Not Used	220	PKG	Marking, Packaging, Loading	O	25		
Not Used	230	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	250	TD3	Carrier Details (Equipment)	O	12		
Not Used	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	270	MAN	Marks and Numbers	O	10		
Not Used	275	TXI	Tax Information	O	>1		
Not Used	277	CTB	Restrictions/Conditions	O	>1		

LOOP ID - N9						1000	
Not Used	280	N9	Reference Identification	O	1		
Not Used	285	DTM	Date/Time Reference	O	>1		
Not Used	290	MSG	Message Text	O	1000		

LOOP ID - N1						200	
Must Use	300	N1	Name	O	1		
Not Used	310	N2	Additional Name Information	O	2		
Not Used	320	N3	Address Information	O	2		
Not Used	330	N4	Geographic Location	O	1		
Not Used	335	NX2	Location ID Component	O	>1		
Not Used	340	REF	Reference Identification	O	12		
Not Used	350	PER	Administrative Communications Contact	O	>1		
Not Used	355	SI	Service Characteristic Identification	O	>1		
Not Used	360	FOB	F.O.B. Related Instructions	O	1		
Not Used	370	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	380	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	390	TD3	Carrier Details (Equipment)	O	12		
Not Used	400	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	410	PKG	Marking, Packaging, Loading	O	25		
Not Used	420	MSG	Message Text	O	>1		

LOOP ID - ADV						>1	

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Not Used	430	ADV	Advertising Demographic Information	O	1		
Not Used	440	DTM	Date/Time Reference	O	>1		
Not Used	450	MTX	Text	O	>1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - PO1			100000	
	010	PO1	Baseline Item Data	O	1		n2
	015	LIN	Item Identification	O	>1		
Not Used	018	SI	Service Characteristic Identification	O	>1		
Not Used	020	CUR	Currency	O	1		
Not Used	030	PO3	Additional Item Detail	O	25		
Not Used	040	CTP	Pricing Information	O	>1		
Not Used	045	PAM	Period Amount	O	10		
Not Used	049	MEA	Measurements	O	40		
			LOOP ID - PID			1000	
Not Used	050	PID	Product/Item Description	O	1		
Not Used	060	MEA	Measurements	O	10		
Not Used	070	PWK	Paperwork	O	25		
Not Used	090	PO4	Item Physical Details	O	>1		
Not Used	100	REF	Reference Identification	O	>1		
Not Used	110	PER	Administrative Communications Contact	O	3		
			LOOP ID - SAC			25	
Not Used	130	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	135	CUR	Currency	O	1		
Not Used	140	IT8	Conditions of Sale	O	1		
Not Used	142	CSH	Sales Requirements	O	>1		
Not Used	150	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
Not Used	160	DIS	Discount Detail	O	20		
Not Used	165	INC	Installment Information	O	1		
Not Used	170	TAX	Tax Reference	O	>1		
Not Used	180	FOB	F.O.B. Related Instructions	O	>1		
Not Used	190	SDQ	Destination Quantity	O	500		
Not Used	200	DTM	Date/Time Reference	O	10		
Not Used	210	LDT	Lead Time	O	12		
Not Used	230	TD1	Carrier Details (Quantity and Weight)	O	1		
Not Used	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	250	TD3	Carrier Details (Equipment)	O	12		
Not Used	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
			LOOP ID - ACK			104	
	270	ACK	Line Item Acknowledgment	O	1		
Not Used	280	DTM	Date/Time Reference	O	1		

Not Used	290	MAN	Marks and Numbers	O	10	
Not Used	293	AMT	Monetary Amount	O	1	n3
Not Used	295	CTB	Restrictions/Conditions	O	>1	
Not Used	296	TXI	Tax Information	O	>1	
			LOOP ID - QTY		>1	
Not Used	300	QTY	Quantity	O	1	
Not Used	302	SI	Service Characteristic Identification	O	>1	
			LOOP ID - PKG		200	
Not Used	303	PKG	Marking, Packaging, Loading	O	1	
Not Used	305	MEA	Measurements	O	>1	
			LOOP ID - SCH		200	
Not Used	310	SCH	Line Item Schedule	O	1	n4
Not Used	315	TD1	Carrier Details (Quantity and Weight)	O	2	
Not Used	320	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	330	TD3	Carrier Details (Equipment)	O	12	
Not Used	340	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	345	REF	Reference Identification	O	>1	
			LOOP ID - N9		1000	
Not Used	350	N9	Reference Identification	O	1	
Not Used	355	DTM	Date/Time Reference	O	>1	
Not Used	360	MSG	Message Text	O	1000	
			LOOP ID - N1		200	
Not Used	370	N1	Name	O	1	
Not Used	380	N2	Additional Name Information	O	2	
Not Used	390	N3	Address Information	O	2	
Not Used	400	N4	Geographic Location	O	1	
Not Used	405	NX2	Location ID Component	O	>1	
Not Used	410	REF	Reference Identification	O	12	
Not Used	420	PER	Administrative Communications Contact	O	3	
Not Used	425	SI	Service Characteristic Identification	O	>1	
Not Used	426	DTM	Date/Time Reference	O	1	
Not Used	430	FOB	F.O.B. Related Instructions	O	1	
Not Used	435	SCH	Line Item Schedule	O	200	
Not Used	440	TD1	Carrier Details (Quantity and Weight)	O	2	
Not Used	450	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	460	TD3	Carrier Details (Equipment)	O	12	
Not Used	470	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	475	QTY	Quantity	O	>1	
Not Used	480	PKG	Marking, Packaging, Loading	O	25	
			LOOP ID - SLN		1000	
Not Used	490	SLN	Subline Item Detail	O	1	
Not Used	495	MSG	Message Text	O	>1	

Not Used	500	SI	Service Characteristic Identification	O	>1	
Not Used	510	PID	Product/Item Description	O	1000	
Not Used	520	PO3	Additional Item Detail	O	25	
Not Used	522	CTP	Pricing Information	O	25	
Not Used	523	PAM	Period Amount	O	10	
Not Used	530	ACK	Line Item Acknowledgment	O	104	
			LOOP ID - SAC			10
Not Used	540	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
Not Used	545	CUR	Currency	O	1	
Not Used	550	DTM	Date/Time Reference	O	10	
Not Used	554	PO4	Item Physical Details	O	1	
Not Used	557	TAX	Tax Reference	O	3	
Not Used	558	ADV	Advertising Demographic Information	O	>1	
			LOOP ID - QTY			>1
Not Used	559	QTY	Quantity	O	1	
Not Used	561	SI	Service Characteristic Identification	O	>1	
			LOOP ID - N9			>1
Not Used	563	N9	Reference Identification	O	1	
Not Used	564	DTM	Date/Time Reference	O	>1	
Not Used	565	MSG	Message Text	O	>1	
			LOOP ID - N1			10
Not Used	576	N1	Name	O	1	
Not Used	578	N2	Additional Name Information	O	2	
Not Used	580	N3	Address Information	O	2	
Not Used	590	N4	Geographic Location	O	1	
Not Used	600	NX2	Location ID Component	O	>1	
Not Used	610	REF	Reference Identification	O	12	
Not Used	620	PER	Administrative Communications Contact	O	3	
Not Used	625	SI	Service Characteristic Identification	O	>1	

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - CTT			1	
Must Use	010	CTT	Transaction Totals	O	1		n5
Not Used	020	AMT	Monetary Amount	O	1		n6
Must Use	030	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. If segment LIN is used, do not use LIN01.
2. PO102 is required.
3. If AMT is used in the detail area, then AMT01 will = 1 and AMT02 will indicate total line amount as calculated by the sender.
4. The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When

this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.

5. The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

6. If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

Segment: **ST** **Transaction Set Header**

Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	ST01	143	**Transaction Set Identifier Code**	M	ID 3/3
			Code uniquely identifying a Transaction Set		
			855 Purchase Order Acknowledgment		
Must Use	ST02	329	**Transaction Set Control Number**	M	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		

This unique control number is assigned by the originator of the transaction set or by the originator's application program. This same number is carried in SE02.

Segment:		**BAK** Beginning Segment for Purchase Order Acknowledgment		
Position:	020			
Loop:				
Level:	Heading			
Usage:	Mandatory			
Max Use:	1			
Purpose:	To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates			
Syntax Notes:				
Semantic Notes:	**1**	BAK04 is the date assigned by the purchaser to purchase order.		
	2	BAK08 is the seller's order number.		
	3	BAK09 is the date assigned by the sender to the acknowledgment.		
Comments:				

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**BAK01**	**353**	**Transaction Set Purpose Code**	**M ID 2/2**

Code identifying purpose of transaction set

> 00   Original
>
> *Use to indicate an original transmission of an 855 transaction set.*
>
> 07   Duplicate
>
> *Use to indicate a retransmission of a previously transmitted 855 transaction set.*

	Ref. Des.	Data Element	Name	Attributes
Must Use	**BAK02**	**587**	**Acknowledgment Type**	**M ID 2/2**

Code specifying the type of acknowledgment

> AC   Acknowledge - With Detail and Change
>
> *Use to indicate an order is being acknowledged with detail and changes. The changes may include the rejection of one or more line items. Use this code only if BEG07 in the applicable 850 transaction set was code AC.*
>
> AK   Acknowledge - No Detail or Change
>
> *Use to indicate that receipt of the order is being acknowledged without detail or change. Use this code only when BEG07 in the applicable 850 transaction set was code AK.*
>
> AT   Accepted
>
> *Use to indicate bilateral acceptance of a purchase order or acceptance of a delivery order exceeding the delivery order limitations. Use this code only if BEG07 in the applicable 850 transaction set was*

		RJ	Rejected - No Detail		

1. Use to indicate the rejection of an entire order. If BEG07 in the applicable 850 transaction set was code AK or AT, the entire order must be acknowledged, accepted, or rejected. If BEG07 in the applicable 850 transaction set was code AC, the entire order may be rejected.

2. If BEG07 in the applicable 850 transaction set was code AC and the order is being accepted but one or more line items are being rejected, do not use code RJ; use code AC.

Must Use	**BAK03**	**324**	**Purchase Order Number**	**M**	**AN 1/22**

Identifying number for Purchase Order assigned by the orderer/purchaser

Use to identify the award instrument number to which this transaction set applies. Cite the number from BEG03 of the applicable 850 transaction set.

Must Use	**BAK04**	**373**	**Date**	**M**	**DT 8/8**

Date expressed as CCYYMMDD

Use to identify the effective date of the award instrument to which this transaction set applies. Cite the number from BEG05 of the applicable 850 transaction set.

	BAK05	**328**	**Release Number**	**O**	**AN 1/30**

Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction

Use to identify the number of a release, call or delivery order against a basic award instrument to which this transaction set applies. Cite the number from BEG04 of the applicable 850 transaction set.

Not Used	**BAK06**	**326**	**Request Reference Number**	**O**	**AN 1/45**

Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)

Not Used	**BAK07**	**367**	**Contract Number**	**O**	**AN 1/30**

Contract number

Not Used	**BAK08**	**127**	**Reference Identification**	**O**	**AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Must Use	**BAK09**	**373**	**Date**	**O**	**DT 8/8**

Date expressed as CCYYMMDD

Use to identify the date this 855 transaction set was transmitted.

Not Used	**BAK10**	**640**	**Transaction Type Code**	**O**	**ID 2/2**

Code specifying the type of transaction

Refer to 004010 Data Element Dictionary for acceptable code values.

Segment:	**N1** Name
Position:	300
Loop:	N1 Optional (Must Use)
Level:	Heading
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	*Address information shall be transmitted using code values contained in a combination of the N101, N103, and N104 data elements. Transmit the same code values as contained in the applicable 850 transaction set. At least 2 iterations of this segment are REQUIRED with N101 citing code BY and SE.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	N101	98	**Entity Identifier Code**	M	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			BY Buying Party (Purchaser)		
			SE Selling Party		
Not Used	N102	93	**Name**	X	**AN 1/60**
			Free-form name		
Must Use	N103	66	**Identification Code Qualifier**	X	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			standard note		
			1 D-U-N-S Number, Dun & Bradstreet		
			Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.		
			9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
			Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.		
			10 Department of Defense Activity Address Code (DODAAC)		
			Use to indicate either a Department of Defense Activity Address Code or a Civilian Agency Activity		

			Address Code.		
	33		Commercial and Government Entity (CAGE)		
			Use to indicate vendors with CAGE codes.		

Must Use	N104	67	**Identification Code**	X	**AN 2/80**
			Code identifying a party or other code		
Not Used	N105	706	**Entity Relationship Code**	O	**ID 2/2**
			Code describing entity relationship		
Not Used	N106	98	**Entity Identifier Code**	O	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		

Segment:	**PO1** Baseline Item Data
Position:	010
Loop:	PO1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify basic and most frequently used line item data

Syntax Notes:		
	1	If PO103 is present, then PO102 is required.
	2	If PO105 is present, then PO104 is required.
	3	If either PO106 or PO107 is present, then the other is required.
	4	If either PO108 or PO109 is present, then the other is required.
	5	If either PO110 or PO111 is present, then the other is required.
	6	If either PO112 or PO113 is present, then the other is required.
	7	If either PO114 or PO115 is present, then the other is required.
	8	If either PO116 or PO117 is present, then the other is required.
	9	If either PO118 or PO119 is present, then the other is required.
	10	If either PO120 or PO121 is present, then the other is required.
	11	If either PO122 or PO123 is present, then the other is required.
	12	If either PO124 or PO125 is present, then the other is required.

Semantic Notes:

Comments:		
	1	See the Data Element Dictionary for a complete list of IDs.
	2	PO101 is the line item identification.
	3	PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes:
1. Use this segment when BAK02 is code AC to identify a rejected line item or to identify the corrected line item information when it differs from that information contained in the applicable 850 transaction set.

2. When one or more line items are rejected, identify the line items in this segment and cite the appropriate code in ACK01.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
PO101	**350**	**Assigned Identification**	**O**	**AN 1/20**
		Alphanumeric characters assigned for differentiation within a transaction set		
		Cite the same PO101 line item number as contained in the 850 transaction set.		
PO102	**330**	**Quantity Ordered**	**X**	**R 1/15**
		Quantity ordered		
		Use to identify the quantity accepted by the selling party. If the total quantity ordered is accepted, cite the quantity that was shown in the 850 transaction set.		

| | PO103 | 355 | **Unit or Basis for Measurement Code** | | **O** | **ID 2/2** |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Use to identify the unit of measure applicable to the quantity cited in PO102. If the unit of measure that was shown in the 850 transaction set is accepted, cite that unit of measure.

Refer to 004010 Data Element Dictionary for acceptable code values.

| | PO104 | 212 | **Unit Price** | | **X** | **R 1/17** |

Price per unit of product, service, commodity, etc.

Use to identify the price accepted by the selling party.

| **Not Used** | PO105 | 639 | **Basis of Unit Price Code** | | **O** | **ID 2/2** |

Code identifying the type of unit price for an item

| | PO106 | 235 | **Product/Service ID Qualifier** | | **X** | **ID 2/2** |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

1. Cite the appropriate code to identify the corrected line item information when different from that contained in the 850 transaction set.

2. PO016/PO107 is optional for use if the line item was correctly identified in the 850 transaction set; the PO101 is adequate identification in this circumstance.

3. Use the LIN segment for the identification of manufacturers and assosciated part numbers.

F1   Catalog Number

    Item identifier specifies a manufacturer's catalog that applies to an item

FS   National Stock Number

HI   HIBC (Health Care Industry Bar Code)

IB   International Standard Book Number (ISBN)

N4   National Drug Code in 5-4-2 Format

    5-digit manufacturer ID, 4-digit product ID, 2-digit trade package size

ND   National Drug Code (NDC)

PD   Part Number Description

SV   Service Rendered

UK   U.P.C./EAN Shipping Container Code (1-2-5-5-1)

    A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits

			are the item code, and the final digit is the check digit		
		UX	Universal Product Number		
			A unique identifier of a healthcare product		
		VC	Vendor's (Seller's) Catalog Number		
		VP	Vendor's (Seller's) Part Number		

	PO107	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

Not Used	**PO108**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	**PO109**	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

Not Used	**PO110**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	**PO111**	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

Not Used	**PO112**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	**PO113**	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

Not Used	**PO114**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	**PO115**	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

Not Used	**PO116**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	**PO117**	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

Not Used	**PO118**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	PO119	234	**Product/Service ID**	X	**AN 1/48**

Identifying number for a product or service

Not Used	PO120	235	**Product/Service ID Qualifier**	X	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	PO121	234	**Product/Service ID**	X	**AN 1/48**

Identifying number for a product or service

Not Used	PO122	235	**Product/Service ID Qualifier**	X	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	PO123	234	**Product/Service ID**	X	**AN 1/48**

Identifying number for a product or service

Not Used	PO124	235	**Product/Service ID Qualifier**	X	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	PO125	234	**Product/Service ID**	X	**AN 1/48**

Identifying number for a product or service

Segment:	**LIN** Item Identification

Position:	015
Loop:	PO1 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify basic item identification data
Syntax Notes:	1 If either LIN04 or LIN05 is present, then the other is required.
	2 If either LIN06 or LIN07 is present, then the other is required.
	3 If either LIN08 or LIN09 is present, then the other is required.
	4 If either LIN10 or LIN11 is present, then the other is required.
	5 If either LIN12 or LIN13 is present, then the other is required.
	6 If either LIN14 or LIN15 is present, then the other is required.
	7 If either LIN16 or LIN17 is present, then the other is required.
	8 If either LIN18 or LIN19 is present, then the other is required.
	9 If either LIN20 or LIN21 is present, then the other is required.
	10 If either LIN22 or LIN23 is present, then the other is required.
	11 If either LIN24 or LIN25 is present, then the other is required.
	12 If either LIN26 or LIN27 is present, then the other is required.
	13 If either LIN28 or LIN29 is present, then the other is required.
	14 If either LIN30 or LIN31 is present, then the other is required.
Semantic Notes:	1 LIN01 is the line item identification
Comments:	1 See the Data Dictionary for a complete list of IDs.
	2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:	*Use this segment to identify a manufacturer, with or without an associated manufacturer's part number for the product specified in the PO1 segment. Use multiple iterations of this segment when it is necessary to identify multiple manufacturers/manufacturers' part numbers applicable to the product specified in the PO1 segment. For example, 5 manufacturers may be able to satisfy the requirement for a given national stock number.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Not Used	LIN01	350	**Assigned Identification**	O	AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set		
Must Use	LIN02	235	**Product/Service ID Qualifier**	M	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		

        MF   Manufacturer

                         When used, cite the DUNS number of the manufacturer in the following data element.

        ZB   Commercial and Government Entity (CAGE) Code

A code that identifies a commercial contractor authorized to do business with the U.S. government

Use to indicate a manufacturer who can be identified by a CAGE code. Cite the CAGE code in the following data element.

Must Use	LIN03	234	**Product/Service ID**	M	AN 1/48

Identifying number for a product or service

	LIN04	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

MG   Manufacturer's Part Number

	LIN05	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN06	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	LIN07	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN08	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	LIN09	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN10	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	LIN11	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN12	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	LIN13	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN14	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	LIN15	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN16	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	LIN17	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN18	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	LIN19	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN20	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	LIN21	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN22	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	LIN23	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN24	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	LIN25	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN26	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	LIN27	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	LIN28	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

| Not Used | LIN29 | 234 | **Product/Service ID** | X | **AN 1/48** |

Identifying number for a product or service

| Not Used | LIN30 | 235 | **Product/Service ID Qualifier** | X | **ID 2/2** |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

| Not Used | LIN31 | 234 | **Product/Service ID** | X | **AN 1/48** |

Identifying number for a product or service

Segment:	**ACK** Line Item Acknowledgment	
Position:	270	
Loop:	ACK Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To acknowledge the ordered quantities and specify the ready date for a specific line item	
Syntax Notes:	1	If either ACK02 or ACK03 is present, then the other is required.
	2	If ACK04 is present, then ACK05 is required.
	3	If either ACK07 or ACK08 is present, then the other is required.
	4	If either ACK09 or ACK10 is present, then the other is required.
	5	If either ACK11 or ACK12 is present, then the other is required.
	6	If either ACK13 or ACK14 is present, then the other is required.
	7	If either ACK15 or ACK16 is present, then the other is required.
	8	If either ACK17 or ACK18 is present, then the other is required.
	9	If either ACK19 or ACK20 is present, then the other is required.
	10	If either ACK21 or ACK22 is present, then the other is required.
	11	If either ACK23 or ACK24 is present, then the other is required.
	12	If either ACK25 or ACK26 is present, then the other is required.
	13	If either ACK27 or ACK28 is present, then the other is required.
	14	If ACK28 is present, then both ACK27 and ACK29 are required.
Semantic Notes:	1	ACK29 Industry Reason Code may be used to identify the item status. In addition, it may be used in conjunction with ACK01 to further clarify the status.
Comments:		
Notes:		

Use this segment when BAK02 is code AC to provide information related to the line item identified in PO101. If a line item is rejected, cite the appropriate code in ACK01.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ACK01	668	**Line Item Status Code**	M ID 2/2

Code specifying the action taken by the seller on a line item requested by the buyer

AC	Item Accepted and Shipped	

Cite code 011 in ACK04 and the actual shipping date in ACK05.

IA	Item Accepted	
IB	Item Backordered	

Cite code 068 in ACK04 and the projected shipping date in ACK05.

ID	Item Deleted	
IP	Item Accepted - Price Changed	
IQ	Item Accepted - Quantity Changed	

			IR		Item Rejected

Use this code only when a codes R1-R8 do not apply.

		IS		Item Accepted - Substitution Made
		R1		Item Rejected, Not a Contract Item
		R2		Item Rejected, Invalid Item Product Number
		R3		Item Rejected, Invalid Unit of Issue
		R4		Item Rejected, Contract Item not Available
		R5		Item Rejected, Reorder Item as a Just in Time (JIT) Order
		R6		Item Rejected, Reorder Item as an Extended Delivery Order (EDO)
		R7		Item Rejected, Reorder Item as a Drop Shipment
		R8		Item Rejected, Reorder Item as a Surge Order

	ACK02	380	**Quantity**	X	R 1/15

Numeric value of quantity

| | **ACK03** | 355 | **Unit or Basis for Measurement Code** | X | ID 2/2 |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Refer to 004010 Data Element Dictionary for acceptable code values.

| | **ACK04** | 374 | **Date/Time Qualifier** | O | ID 3/3 |

Code specifying type of date or time, or both date and time

011		Shipped
068		Current Schedule Ship

| | **ACK05** | 373 | **Date** | X | DT 8/8 |

Date expressed as CCYYMMDD

| **Not Used** | **ACK06** | 326 | **Request Reference Number** | O | AN 1/45 |

Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)

| **Not Used** | **ACK07** | 235 | **Product/Service ID Qualifier** | X | ID 2/2 |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

| **Not Used** | **ACK08** | 234 | **Product/Service ID** | X | AN 1/48 |

Identifying number for a product or service

| **Not Used** | **ACK09** | 235 | **Product/Service ID Qualifier** | X | ID 2/2 |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

| **Not Used** | **ACK10** | 234 | **Product/Service ID** | X | AN 1/48 |

Identifying number for a product or service

| **Not Used** | **ACK11** | 235 | **Product/Service ID Qualifier** | X | ID 2/2 |

Code identifying the type/source of the descriptive number used in

Product/Service ID (234)

Not Used	ACK12	234	**Product/Service ID**	X	**AN 1/48**
			Identifying number for a product or service		
Not Used	ACK13	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	ACK14	234	**Product/Service ID**	X	**AN 1/48**
			Identifying number for a product or service		
Not Used	ACK15	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	ACK16	234	**Product/Service ID**	X	**AN 1/48**
			Identifying number for a product or service		
Not Used	ACK17	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	ACK18	234	**Product/Service ID**	X	**AN 1/48**
			Identifying number for a product or service		
Not Used	ACK19	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	ACK20	234	**Product/Service ID**	X	**AN 1/48**
			Identifying number for a product or service		
Not Used	ACK21	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	ACK22	234	**Product/Service ID**	X	**AN 1/48**
			Identifying number for a product or service		
Not Used	ACK23	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	ACK24	234	**Product/Service ID**	X	**AN 1/48**
			Identifying number for a product or service		
Not Used	ACK25	235	**Product/Service ID Qualifier**	X	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	ACK26	234	**Product/Service ID**	X	**AN 1/48**
			Identifying number for a product or service		
Not Used	ACK27	559	**Agency Qualifier Code**	X	**ID 2/2**
			Code identifying the agency assigning the code values		
Not Used	ACK28	822	**Source Subqualifier**	X	**AN 1/15**

A reference that indicates the table or text maintained by the Source Qualifier

Not Used   ACK29   1271   Industry Code   X   AN 1/30

Code indicating a code from a specific industry code list

Segment:	**CTT** Transaction Totals				
Position:	010				
Loop:	CTT	Optional (Must Use)			
Level:	Summary				
Usage:	Optional (Must Use)				
Max Use:	1				
Purpose:	To transmit a hash total for a specific element in the transaction set				
Syntax Notes:	1	If either CTT03 or CTT04 is present, then the other is required.			
	2	If either CTT05 or CTT06 is present, then the other is required.			
Semantic Notes:					
Comments:	1	This segment is intended to provide hash totals to validate transaction completeness and correctness.			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	CTT01	354	**Number of Line Items**	M	N0 1/6
			Total number of line items in the transaction set		
			Use to identify the total number of PO1 segments contained in this transaction set.		
Must Use	CTT02	347	**Hash Total**	O	R 1/10
			Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. --------- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.		
			Use to identify the sum of the quantities (PO102) for all PO1 segments.		
Not Used	CTT03	81	**Weight**	X	R 1/10
			Numeric value of weight		
Not Used	CTT04	355	**Unit or Basis for Measurement Code**	X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	CTT05	183	**Volume**	X	R 1/8
			Value of volumetric measure		
Not Used	CTT06	355	**Unit or Basis for Measurement Code**	X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	CTT07	352	**Description**	O	AN 1/80

A free-form description to clarify the related data elements and their content

Segment:	**SE** Transaction Set Trailer			

Segment: **SE** Transaction Set Trailer

Position: 030

Loop:

Level: Summary

Usage: Mandatory

Max Use: 1

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:

Semantic Notes:

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	SE01	96	**Number of Included Segments**	M	N0 1/10
			Total number of segments included in a transaction set including ST and SE segments		
Must Use	SE02	329	**Transaction Set Control Number**	M	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		
			This is the same number as ST02.		